

AUTHOR:

Frezinskiy, I.L.

TITLE:

Mechanization of Intra-Plant Planning (Mekhanizatsiya vnutrizavodskogo planirovaniya)

PERIODICAL:

Avtomobil'naya Promyshlennost', 1958, Nr 3, pp 1-4 (USSR)

ABSTRACT:

In the automobile plants, 16% of all labor is employed in the management of the enterprise. Many plants use computers for internal planning, production calculation, accounting and normative purposes, for the compilation of technical documents, etc. In the Gor'kovskiy avtozavod (Gor'kiy Automobile Plant), since 1938, the production program has been worked out by computers. Guide-cards are printed for all automobiles, spare parts, and other production units of the plant; these receive a special number, the so-called "number of position". For each detail in the number of position, a special perforated card is used, containing the number of the detail, the supplier, the producer, the consumer, the number of position and the quantity. This method of planning has several drawbacks. In the Gor'kiy Plant only the quarter plan was calculated in this way and the month plans were deducted from the quarter plan by hand. The possibilities of a complex mechanization of price, work, and material cal-

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culations were not fully used. In the Moscow Plant of Small-Displacement Automobiles the experience of the Gor'kiy Automobile Plant has been improved. For every workshop, 3 programs are worked out: the supply plan, containing all products made by the workshop and delivered to various consumers; the reception plan, containing all parts, intermediate products and assembly material needed by the workshop; the manufacturing plan, containing all parts being processed or assembled in the workshop. A form for these plans is given in Table 1. Corrections are introduced in case of constructive or technological changes (Table 2). If the aim of the plan is not reached, the deficit is added to the plan of the next month. If the production is greater than planned, the surplus is deducted from the next month. Controls are effected in different ways. In the serial sections, production is controlled before the beginning of the production cycle. In the continuous operation lines, production plans are controlled by taking inventories of different parts of the details every day. The initial data of the plan, in regards to man hours, are computed to a production value of 1,000 rubels, as well as to a certain quantity of spare parts, in order to determine the percentage of wages in pro-

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Mechanization of Intra-Plant Planning

113-58-3-1/16

duction. The data necessary for compiling and changing the perforated cards are sent by the production-dispatcher department, to the computing station in the form of a special document (Table 7). The mechanization of internal planning is only the beginning of the complex use of computing machines in the mechanization of plant management. There are 8 tables.

ASSOCIATION: Moskovskiy zavod malolitrzhnykh avtomobiley (Moscow Plant of Small-Displacement Automobiles)

AVAILABLE: Library of Congress

Card 3/3

1. Passenger vehicles-Manufacture U.S.S.R. 2. Management engineering-

MITIN, S.T.; DAVYD, V.I., doktor obr. nauk, prof., pensenent;
FRANKENBERG, I.I., inzh., red.

[Use of computers in intraplant planning] Primenenie
vychislitel'noi tekhniki vo vnutrizavodskom planirova-
nii. Moskva, Mashinostroyeniye, 1965. 175 p.

(CISA 18:2)

FREZINSKIY, L.L.; PREOBRAZHENSKIY, A.Yu., red.; KRASHENINNIKOVA,
V.F., tekhn. red.

[For increasing the productivity of labor; from the work
practice of the best section of the chassis workshop of
the Stalingrad Tractor Plant] Za povyshenie proizvoditel'-
nosti truda; iz opyta raboty luchshego uchastka tsekha
shassi STZ. Stalingrad, Stalingradskoe knizhnoe izd-vo,
1953. 63 p. (MIRA 15:7)
(Vlgograd--Tractor industry)

FREZINSKIY, L. L.,

"Study of Certain Cone Drives with Self-Tightening Mechanisms." (Dissertation for Degree of Candidate for Technical Sciences) Min Higher Education USSR, Leningrad Polytechnical Inst imeni M. I. Kalinin, Leningrad, 1955

SO: M-1036 28 Mar 56

KURILO, A. I.; FREZINSKIY, M. L.

Automobiles - Electric Equipment

Motor bus generator assemblies for alternating current. Avt. trakt. prom. No. 8, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS NOVEMBER 1952. Unclassified

AKIMOV, V.N.; FREZINSKIY, M.L.

Development of A-C electric equipment for the automotive and tractor industry. Avt.trakt.prom. no.1:9-14 Ja '55. (MIRA 8:4)

1. Nauchno-issledovatel'skiy institut Avtopriborov.
(Automobiles--Electric equipment)(Tractors--Electric equipment)

PREZINSHIN, M. L.

Prezinskin, M. L. -- "Aspects of the Theory of the Electrical Processes of Ignition of Motorcycle Engines with Worn Induction Coils." In Higher Education USSR. Moscow Order of Lenin Power Engineering Institute V. M. Molotov. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No 12, 1956

FREZINSKIY, Moisey Leonidovich; **DROZDOV, Anatoliy Vasil'yevich;** **LI-KHACHEV, M.M.,** redaktor; **KOGAN, F.L.,** tekhnicheskiy redaktor.

[Alternating current generator installations used in the ZIL-155 and LIL-127 motorbuses] Generatornye ustanovki peremennogo toka avtobusov ZIL-155 i ZIL-127. Moskva, Nauchno-tekhn.izd-vo avtotransp.lit-ry, 1957. 77 p. (MLRA 10:6)
(Motorbuses--Electric equipment)

FREZINSKIY, M., kandidat tekhnicheskikh nauk.

Using alternate current for motorcycles. Za rul. no.6:14-15 Je '57.

(MLRA 10:7)

(Motorcycles--Electric equipment)

FREZINSKIY, M. L.

FREZINSKIY, M.L., kand.tekhn.nauk

The a.c. generator units used in foreign motorbuses. Avt.1 trakt.
prom. no.10:39-42 0 '57. (MIRA 10:12)
(Tractors--Electric equipment)

PREZINSKIY, M.
FREZINSKIY, M. kand. tekhn. nauk

The a.c. generator installations. Avt.transp. 35 no.2:28-31 P '57.
(MIRA 10:12)
(Automobiles--Electric equipment)

FREZINSKIY, M.L., kand. tekhn. nauk

Voltage generated by an ignition coil. Avt.prom. no.3:19-23 Mr
'60. (MIRA 13:6)

1. Moskovskiy avtozavod imeni Likhacheva.
(Motor vehicles--Ignition)

~~PREZINSKIY, M.L., kand. tekhn. nauk~~

Automobile a.c. generators and their design features. Vest. elektro-
prom. 31 no.12:62-67 D '60. (I.A. 14:2)
(Electric generators) (Automobiles—Electric equipment)

FREZINSKIY, M.L., kand.tekhn.nauk

Estimating the weight of automobile generators. Avt. prom.
no. 1:3-5 Ja '61. (MIRA 14:4)

1. Moskovskiy avtozavod imeni Likhacheva.
(Automobiles--Electric equipment)

FREZINSKIY, M.L., kand.tekhn.nauk

Double ignition interrupters. Avt. prom. 27 no. 4:25-28 Ap '61.
(MIRA 14:4)

1. Moskovskiy avtozavod imeni Likhacheva.
(Automobiles--Electric equipment) (Automobiles--Ignition)

KRIGER, A.M.; FREZINSKIY, M.L.

"Electric equipment of motor vehicles and tractors" by
IU.M. Galkin. Reviewed by A.M. Kruger, M.L. Frezinskii.
Avt.prom. 27 no.10:45 0 '61. (MIRA 14:10)

1. Moskovskiy avtozavod imeni Likhacheva.
(Motor vehicles—Electric equipment)
(Galkin, IU.M.)

FREZINSKIY, M.L., kand.tekhn.nauk

New trends in the development of motor-vehicle a.c.generators.
Avt.prom. 28 no.4:31-34 Ap '62. (MIRA 15:4)

1. Moskovskiy avtozavod imeni Likhacheva.
(Motor vehicles--Electric equipment)

L 2958-66

ACCESSION NR: AP5021433

UR/0146/65/008/004/0021/0024
621.317.7.087.6

24
B

AUTHOR: Kotchenko, F. F.; Frezinskiy, V. S.

TITLE: Design of input filters for automatic potentiometers

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 4, 1965, 21-24

TOPIC TAGS: potentiometer, electronic measurement, servosystem, voltage stabilization

ABSTRACT: It was shown by G. R. Jacob ("Dynamics of Electronic Self-Balancing Systems", *AIEE Trans.*, Vol 76, part I, No 5, 1957) that the input filter for eliminating interference in automatic potentiometers has a stabilizing effect on the servosystem. Therefore, the resistance and capacitance of the filter should be chosen so that the dynamic properties of the servosystem are improved while the interference is eliminated. The authors discuss this problem briefly, since it has not been taken into consideration in the design of Soviet instruments. A specific example of filter design is given for the EPP-09 potentiometer. Orig. art. has: 2 figures, 4 formulas.

Card 1/2

I. 2958-66

ACCESSION NR: AP5021433

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova
(Lenina) (Leningrad Electrical Engineering Institute)

SUBMITTED: 06Jun64

ENCL: 00

SUB CODE: EC

NO REF SOV: 002

OTHER: 001

Card 2/2 *md*

FRGAL, Vladimir

Postoperative treatment of otogenous brain abscess. Cesk. otolar.
5 no.6:340-343 Dec 56.

1. ORL klinika PU v Olomouci, prednosta prof. Dr. F. Ledl.
(BRAIN, abscess
otogenous, postop. ther. (Cz))

FRGIC, V., arh.

Dye dynamics and their application. Kem ind 12 no.6:477-479 Je'63.

FRGAL, Vladimir

Calculus tonsillae. Cesk.otolar. 8 no.6: D '59.

1. ORL oddeleni polikliniky OUNZ v Prostejove, vedouci MUDr.
Vl. Frgal.

(TONSIL dis.)

(CALCULI)

FRGALA, T

HAVRILA, L.; FRGALA, J.

Acute suffocating laryngotracheobronchitis in children.
Cesk. otolar. 5 no.6:351-354 Dec 56.

1. Z Otolaryngologickej kliniky KU v Kosiciach, prednosta
doc. MUDr. Michal Sustar.
(CROUP, in inf. & child
hosp. statist. (Cs))

FRGIC, V., arh.

Color dynamics in the homes. Kemija u industriji 11 no.7:412
J1 '62.

KAFKA, Ivan, d-r; FRIAN, Marija, d-r

On the treatment of burns in children. Med. arh., Sarajevo 13 no.1:
51-62 Ja-F '59.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu, sef: prof. d-r
Blagoje Kovacevic.
(BURNS in inf. & child)

FRGIC, V., arh.

Zagreb Toplana II; color dynamics. Kemija u industriji no. 5:
G-11 G-11 My '62.

FRIAKOVA, Olga

Conodonts from the Manticoceras stage of the Hranice
Devonian. Vest Ust geol 39 no. 1: 13-17 '64.

1. Ustredni ustav geologicky, Brno.

FRIAUF, V.A.; GURDZHIYANTS, E.M.; GUSHCHINA, V.P.

Bacteriological diagnosis of whooping cough using casein-carbon agar and some biological properties of local Hemophilus pertussis strains. Zdrav.Turk. 6 no.6:7-11 N-D '62. (MIRA 16:3)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir. - dotsent Ye.S. Popova) i kafedry mikrobiologii (zav. - prof. Ye.Ya. Gleyberman) Turkmenskogo gosudarstvennogo meditsinskogo instituta.

(HEMOPHILUS)

(WHOOPING COUGH)

FRIBA, Miloslav

The television antenna. Radio i televiziia 11 nq.7:205-206 '62.

ACC NR: AR6028418

SOURCE CODE: UR/0196/66/000/005/B003/B003

AUTHOR: Ostryakov, I. A.; Lifshits, L. I.; Knyazeva, V. P.; Bykov, A. S.; Fribolin, G.G.

TITLE: Controlling the temperature coefficient of resistance (TCR) of conducting polymer materials

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 5B13

REF SOURCE: Nauchno-issled. tr. Vses. n.-i. in-t plenok i iskusstv. kozhi. sb. 16, 1965, 135-148

TOPIC TAGS: semiconductor polymer, rubber, ~~polymer~~, plastic base polymer, *filler*

ABSTRACT: Specimens of rubber-base polymers with a conducting filler and with embedded contacts were heated in a thermostat or by passing a current up to a maximum temperature determined by the polymer characteristics. After the first cycle of heating and cooling, the initial electric resistivity abruptly fell off. After 3--4 cycles, the electrical properties became stabilized. The effect of mollifiers on the TCR of polymers was investigated. Ten parts by weight of mollifier were added to 100 parts of the polymer. The TCR was negative when dibutyl phthalate and vaseline were added; it was positive when rubrax was added. The amount of rosin (as a mollifier) should not exceed 15--17 parts by weight per 100 parts of the polymer; otherwise, the physico-mechanical and electrical properties of polymer are impaired. The tested polymer rubber-base compositions have a TCR near zero within 40--100C.

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UDC:621.315.5

ACC NR: AR6028418

Their electrical properties can be stabilized by a preheating whose duration depends on the type of rubber used. Also, the properties of conducting polymer plastic-base compositions were investigated. These compositions do not require additional thermal treatment. The above tests showed that the TCR considerably depends on the regularity of molecular structure of the source polymer. The TCR can be controlled by adding mollifiers and by proportioning polymer compositions. Ten figures. Bibliography of 10 titles. V. Brezinskiy [Translation of abstract]

SUB CODE: 09, 11

Card 2/2

FRIBORSKA-WATLSCHOVA, A., MUDr.

Hazard of caisson work. Pracovni lek. 8 no.2:135-136
May 56.

(DECOMPRESSION SICKNESS,
caisson dis. (Cz))

FRIGORSKA - WITKOWSKA, H.
Influence of parathion on human organism. A. Friber-
ská-Waelschová (Klin. chorob z povolání, Prague). Pro-
ceeds Lékařské, 302-0(1950).—Review with 100 references.
L. J. Urbánek

1. FAKULTNÍ POLIKLINIKA; odd. pro
Choroby z povolání - prof.
mudr. Tsiang

FRIBORSKA-WAELSCHOVA, A., MUDr.

Organization of prevention of occupational diseases and work
hygiene in small plants operating without medical supervision.
Pracovni lek. 8 no.5:372-374 Oct 56.

1. UNZ-UNV hl. m. Prahy, Fakultni poliklinika, ambulance pro
choroby z povolani.

(INDUSTRIAL HYGIENE,
in small plants in Czech. (Cz))

FRIBORSKA-WAELSCHOVA, A.

Review of the incidence of occupational dermatoses in the area of the Capital City of Prague. Prac. lek. 14 no.9:434-436 N '62.

1. Oddeleni nemoci z povolani UNZ NV Praha, prednosta MUDr.

A. Friborska-Waelschova.

(OCCUPATIONAL DERMATITIS)

FRIBORSKY, V.

Effect of ventilation of mines on health and productivity
of miners. Bratisl. lek. listy 30 Suppl. 2:1-32 June 1950.
(CML 20:1)

FRIBORSKY, V.; LOCHOVSKY, J.; JELINEK, V.

The influence of leukeran on the regeneration of rat livers following partial hepatectomy. Neoplasma 8 no.4:387-393 '61.

1. Dpt. of Pathology, Bulovka; Research and Clinical Branch of the Oncological Institute; Research Institute of Pharmacy and Biochemistry, Prague, Czechoslovakia.

(LIVER surgery) (REGENERATION pharmacol.)

(NITROGEN MUSTARDS pharmacol.)

FRIBORSKY, V.

Medulloblastoma of the cerebellum. Extracranial metastases and diagnostical difficulties. Neoplasma 10 no.4:427-440 '63.

1. Pathologic-anatomical Institute and Oncological Institute, Prague, CSSR.

(MEDULLOBLASTOMA) (DIAGNOSIS, DIFFERENTIAL)
(NEOPLASM METASTASIS) (PATHOLOGY)

FRIBORSKY, V.

Liver changes caused by carcinolipin. Neoplasma 11 no.1:
55-61 '64.

1. Oncological Institute, Prague, Czechoslovakia

*

FRIBORSKY, W.; VIKLICKY, J.

Current concepts on the cause of malignant tumor growth. Acta
chir. orthop. traum. cech. 30 no.3:275-278 Jo '63.

1. Ustav pro doskolovani lekaru v Praze, pracoviste nemocnice
na Bulovce.

(NEOPLASM ETIOLOGY) (NEOPLASM IMMUNOLOGY)
(CHROMOSOME ABNORMALITIES) (VIRUS DISEASES)
(HORMONES) (MITOCHONDRIA) (BIOCHEMISTRY)

GOSTOV, R.; FRIC, B.; KRUPICKOVA, J.;

Two years of milk banks in Prague. Pediat. listy 6 no.2:118-120
Mar-Apr 1951. (CJML 20:9)

1. Of the First Children's Clinic of Charles University and of
the Health Referat of UNV.

82701

Z/020/60/000/006/018/035

High-Speed Regulator for Wattless Power "VUS - 0.98" (Czechoslovak Patent No. 90955)

gulator has normally 10 stages, the number of which can be varied according to local requirements. This regulating system employs no additional power source and guarantees proper operation even under aggravated conditions (unequal loading of phases). Its time delay is adjusted so that short fluctuations of the wattless-power characteristic are not registered. The control element is switched into the circuit of the measuring transformers and to the terminals of the bus bars, or the voltage measuring transformer (Diagram 3). The following technical data are given: Rated voltage: 3 x 380, or 3 x 300 v, 50 cps; rated current: 5 amp; auxiliary voltage 220 v a-c; time delay of one stage: 0.1 sec, or arbitrarily through timing relay; internal consumption of the voltage unit: approximately 30 va/3 w; internal consumption of the current unit: 6 w; permissible current for contact making and breaking of the connector coil: 10 amp/5 amp a-c. In conclusion, the author states that the equipment described is delivered by the "Pokrok" Cooperative in Zilina, but can be assembled by nearly every plant (as done by the "Matador", "Hydrostav", and other Bratislava plants). There are 2 photos and 1 figure.

LH

Card 2/2

FRIC, F.; NEURATH, A.

A contribution to the quantitative evaluation of paper chromatograms.
p. 247.

CHEMICKÉ ZVĚSTI. Bratislava, Czechoslovakia. Vol. 13, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEA) LC, Vol. 8, no. 10,
Oct. 1959.
Uncl.

FRIC, F., NEURATH, A.

Chromatographic determination of trace elements in biological materials. p. 350

BIOLOGIA (Slovenska akademia vied)
Bratislava Czechoslovakia

Vol. 14, no. 5, 1959

Monthly list of East European Accessions (EEAI) CLC. VOL. 9, no. 1 January 1960

Uncl.

VEGETARIAN

HASPELOVA-HORVATOVICOVA, Alberta and FRIC, Fridrich; Affiliation not given.]

"Some Problems of Plant Physiology and Pathology in Hungary."

Bratislava, Biologia, Vol 18, No 7, 1963; pp 558-560.

Abstract : Report from study trip in the fall of 1962: research at various Hungarian universities and Academy of Sciences installations is described: Gödöllő, Budapest, Martonvasar , Pecs. Photograph of the Martonvasar facility which had been formerly residence of the counts Brunswick with still extant Beethoven museum.

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L 59265-65

ACCESSION NR: AP5019682

SUBMITTED: 12Feb64

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 051

JPRS

llc
Card

2/2

L 00519-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD
ACCESSION NR: AP5023863

CZ/0049/64/000/011/0820/0826

AUTHOR: Haapelova-Morvatovicova, Alzbeta (Gaspelova-Morvatovichova, Alzhbeta)
(Doctor, Candidate of sciences) (Bratislava); Fric, Fridrich (Frich, Fridrikh)
(Engineer) (Bratislava)

TITLE: Chromatography of leaf pigments on thin layers of silica gel, and an
improvement of quantitative evaluation of chromatograms on thin layers

SOURCE: Biologia, no. 11, 1964, 820-826

TOPIC TAGS: silica gel, chromatographic analysis, plant physiology

ABSTRACT: A method of thin layer chromatography of assimilatory pigments on silica gel is described. Silica gel was prepared by the authors from water glass. An improvement of the composition of the layer, a new method of elution of the pigment spots accelerating the transfer of the pigment into the eluent, and other modifications suggested by the authors are described. The method allows quantitative separation of chlorophyll a, b, pheophytin a, lutein, neoxanthin,

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L 00519-66

ACCESSION NR: AP5023863

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violaxanthin, and beta-carotin, as well as 2 carotenoids. These carotenoids were found only in dying material, and were considered natural degradation products of the yellow leaf pigments. "Thanks are extended to our assistants J. Polas and D. Horvathova for their conscientious and imaginative technical assistance in this matter. Thanks are also due to Engineer Porges from the Chemical Institute of the Medical Faculty, the Comenius University in Bratislava, who introduced us to the main features of thin layer chromatography." Orig. art. has: 2 figures, 4 graphs.

ASSOCIATION: Botanisches Institut der Slowakischen Akademie der Wissenschaften, Abteilung fur pathologische Physiologie (Department of Pathological Physiology, Botanical Institute of the Slovak Academy of Sciences)

SUBMITTED: 01 Jun 64

ENCL: 00

SUB CODE: LS

NR REF SOV: 000

OTHER: 016

JPRS

Card 2/2

FRIG, H.; POJPIECH, K.

Temperature control of contacts of electric conductors in electric-power production. p. 368.

ENERGETIKA. (Ministerstvo energetiky a ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 9, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

FRIC, Helmut

Combined measurement of the individual load of two power take-off lines. Energetika Cs 11 no.3:142 Mr '61.

FRIC, Helmut

Shift of electrodes in arc furnaces. Energetika Cz
11 no.4:186 Ap '61.

FRIC, Helmut

Prevention of accidents caused by electric power in the Welding
Research Institute in Bratislava. Energetika C: 11 no.9:441-
442 S '61.

FRIC, Helmut

Economical use of power. Energetika Cz 12 no.9:480-482 S '62.

1. Vyzkumny ustav zvaracsky, Bratislava.

FRIC, Helmut

Problems of saving power in electric welding. Zvaranie 12 no.7:
198-201 J1 '63.

1. Vyskumny ustav zvaracsky, Bratislava.

FRIC, Helmut

Rating plate of a welding machine and its importance.
Zvaranie 12 no.11:332-335 N'63.

1. Vyskumny ustav zvaracsky, Bratislava.

FRIC, Helmut

Power problems in welding on heavy duty presses. Energetika Cz 13
no.3:158-159 Mr '63.

1. Vyskumny ustav zvaracky, Bratislava.

FRIC, Helmut

Economical use of electric power in electric welding. Energetika
Cz 13 no.9:472-474, 477 S '63.

1. Vyskumny ustav zvaracsky ministerstva hutniho prumyslu a
rudnych dolu, Bratislava.

FRIC, Helmut

Reserve source of the alternating current. Energetika
Cz 14 no. 4: 177 Ap '64.

New fast idle run regulator VUS-O. 98/II. Ibid.:182.

1. Research Institute of Welding, Bratislava.

FRIC, Helmut

Safety rules in electric arc welding. Research 13 no. 1: 307-310
Q 164.

1. Research Institute of Welding, Bratislava.

CZECHOSLOVAKIA

ELAHA, K; FRIE, I; JAKUBKE, D.H

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague - (for Elaha and Frie); 2. Institute of Organic Chemistry, Martin Luther University, Halle (Saale), German Democratic Republic - (for Jakubke)

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 558-569

"Amino acids and peptides. Part 67: Optical rotatory dispersion of α -amino acid selenoaryl esters and some isologous phenyl esters."

BUCOVA, E.; KAZAROVA, Z.; FRIC, I.

Clinical picture of asthmatic bronchitis in childhood during the course of the epidemic of influenza. Cesk.pediat.15 no.6/7:617-620 J1'60.

1. Detska klinika LFUK v Kosiciach, prednosta doc.dr. Demant.
(INFLUENZA in inf & child)
(ASTHMA in inf & child)
(BRONCHITIS in inf & child)

MUNK, P.; FRIC, I.

Protein interactions. XV. Effect of sodium chloride on heat denaturation of human serum albumin. In German. Coll.Cz.Chem. 24 no.9; 2882-2889 S '59. (NEAI 9:5)

1. Physikalisch-chemische Abteilung, Chemisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.
(Proteins) (Salt) (Serum albumin)

FRIC, I.

Interaction of albumins. XXII. Optical rotation of DIP-chymotrypsin, chymotrypsinogen and their oxidation products. Coll Cz Chem 25 no.7: 1856-1866 J1 '60. (EEAI 10:9)

1. Physikalisch-chemische Abteilung, Chemisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Albumins) (Chymotrypsin) (Chymotrypsinogen)

FR 12, I.

AUTHORS: Sedláček, B. and Frič, I. CZ /8/52(82)/10-29/39
TITLE: Dextran VII. The Values of the Interaction Constant of
Dextran Determined by Means of the Light Scattering
Method (O dextranu VII. Hodnoty konstanty interakce
dextranu stanovené metodou rozptylu světla)
PERIODICAL: Chemické Listy, 1958, Vol 52(82), Nr 10, pp 2000-2003
(Czechoslovakia)
ABSTRACT: The experimental determination of light scattering values
of certain dextran fractions are carried out. The
results of a series of determinations and those reported
by others are discussed and some suggestions are made
for the divergences such as unhomogeneity of fractions
and incomplete mixing.
There are 2 tables, 2 figures and 4 references, 2 of
which are Czech, 2 Western.
ASSOCIATION: Fyzikální chemické oddělení, Chemický ústav,
Československá akademie věd, Praha (Physical Chemistry
Division, Institute of Chemistry, Czechoslovak Ac.Sc.,
Prague)
SUBMITTED: February 20, 1958
Card 1/1

CZECHOSLOVAKIA

SPONAR, J.; FRIC, I.; STOKROVA, S.; KOVARIKOVA, J.

Institute of Organic Chemistry and Biochemistry of the
Czechoslovak Academy of Sciences, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 7, 1963, pp 1831-1836

"On Heterogeneity of Human Serum Albumin."

SRSEN, S.; FRIC, I.

Report on some congenital defects from material of the Obstetrical Department in Kosice during the period 1958-1962. Cesk.pediat. 19 no.3:198-203 Mr'64

Congenital cystic formations in the gastrointestinal tract. (Duplication of the gastrointestinal tract). Ibid.:220-222

1. Porodnicko-gynekologicka klinika Lekarskej fakulty UPJS v Kosiciach (prednosta: doc.dr.K.Poradovsky, CSc.) a Detska klinika Lekarskej fakulty UPJS v Kosiciach (prednosta:prof. dr. F.Demant).

X

BLAHA, K.; FRIC, I.

Amino acids. Pt.46. Coll Cz Chem 30 no.1:304-315 Ja '65.

1. Institute of Organic Chemistry and Biochemistry of the
Czechoslovak Academy of Sciences, Prague. Submitted July
2, 1964.

15(2)

AUTHOR: Frič, J., Laboratory Head

SOV/72-59-11-13/10

TITLE: Electroconductive Coatings on Glass

PERIODICAL: Stoklo i keramika, 1959, Nr 11, pp 43-44 (USSR)

ABSTRACT: One of the exhibits at the Czechoslovak Glass Show held in Moscow is a glass flask (see Figure) in which water boils continuously. This is one of the applications of electroconductive glass coatings. A number of Czechoslovak institutes are studying this phenomenon, but as yet the exact composition of the electroconductive layer is not known. In Czechoslovakia, the use of flat glass with an electroconductive layer is being studied. Such glass may be used as a source of infrared radiation, which is, however, difficult to realize at temperatures above 250°. Glass vessels covered with an electroconductive coating are at present used in laboratories only, since they require expert handling. There is 1 figure.

ASSOCIATION: (Electrotechnical Laboratory of the OZAP Plant in Prague)

Card 1/1

FRIO, J.

Fric, J.

Trees and their capacity to heal their wounds. p. 24.

Vol. 10, no. 1, Feb. 1955
OCHRANA PRIRODY

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

FRIC, J.

Oxymetric measurement of the circulation rate without injections, Cenk.
fysiol. 7 no.5:453 Sept 58.

1. Katedra telovychovneho lekarstvi VIA JEvP, Hradec Kralove.

(OXYGEN, in blood,

oximetric determ. of circ. rats (Cz))

(BLOOD CIRCULATION, determ.

oximetric determ. of circ. rate without inject (Cz))

FRIC, J.

Effect of cold on changes in circulation rates as measured by means of an oximetric method. Cesk. fysiolo. 8 no.5:401-402 8 '59.

1. KUNZ, fakultni nemocnice.

(COLD eff.)

(OXIMETRY)

(BLOOD CIRCULATION physiol.)

FRIC, Jaromir, MUDr., CSc.

Importance of determining blood circulation time from lung
to ear with the aid of oximetry in sport medicine. Sborn.
ved. prac. lek. fak. Karlov. Univ. (Hrad. Kral) 6 no.4:
Supplement:471-490 '63.

1.Telovychovne lekarstvi, Karlov. Univ. v Hradci Kralove.

1/18/57
SERV, Vladimir; STRAUSS, Juraj; FRIC, Milan; KLHINBAUER, Vaclav

Epidemic of ornithosis in East Bohemia. Cesk. epidem. microb. imun. 6 no.1:24-33 Jan 57.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. MUDr. K. Raska Krajska hygienicko epidemiologicke stanice Pardubice, reditel MUDr. J. Stastny. V.S. Ustav epidemiologie a mikrobiologie, Praha XII, Srobarova 48.
(ORNITHOSIS, epidemiol.
in E. Bohemia (Cs))

FRIS, M.
STRAUSS, J.; FRIG, M.; SULCOVA, M.

Experiments with the direct & inhibitory (indirect) complement fixation tests & their use in the diagnosis of ornithosis. Cesk. epidem. mikrob. imun. 7 no.1:15-26 Jan 58.

1. Ustav epidemiologie a mikrobiologie, Praha, reditel prof. MUDr K. Raska. J. S., Praha 12, Srobarova 48.

(COMPLEMENT

fixation tests, direct & indirect, in diag. of ornithosis (Cs))

(ORNITHOSIS, diag.

complement fixation tests, direct & indirect (Cs))

FRIC, Miroslav, inz.

Beggs-Blazek model testing method. Tech prace 14 no.7:504-505
J1 '62.

1. Vyzkumny ustav stavebni vyroby, Praha.

SVORAD, D.; TOMASEK, R.; ~~FRIC, P.~~

Experimental studies on sleep therapy by combination of various
inhibiting factors. Cesk. fysiол. 5 no.2:159-167 23 June 56.

1. Fysiologicky ustav CSAV, Praha.

(SLEEP, therapeutic use,

exper. use of combination of various inhib. factors (Cz))

SVORAD, D.; TOMÁŠEK, R.; FRÍČ, P.

Experimental studies on sleep therapy with the application of combinations of various inhibitory stimuli. Physiol. bohém. 5 no.2:177-187 1956.

1. Fiziologicheskiy institut Chekoslovatskoy Akademii Nauk, Praga.
(SLEEP, effects,
exper. sleep ther. with various inhib. factors (Rus))

FRIC, P.; HERFORT, K.; KECLIK, M.; ZEMAN, J.

Prontosil excretion into duodenal tube in liver & biliary tract diseases (Prontosil time). Cas. lek. cesk. 97 no.10:323-327 7 Mar 58.

1. Interni oddeleni fakultni polikliniky v Praze, prednosta prof. Dr K. Herfort. P. F., Praha 2, Karlovo nam. 32.

(LIVER DISEASES, diag.

determ. of prontosil time (Cz))

(BILIARY TRACT, dis.

diag., determ. of prontosil time (Cz))

(SULFONAMIDES

prontosil time, diag. value in biliary tract & liver dis. (Cz))

HERFORT, K.; VRIC, P., za technicke spoluprace B. Jarnikove

Diagnosis of functional insufficiency of exocrine pancreatic secretion. Cesk. gastroenter. 12 no.6:418-426 Nov 58.

1. Interni oddeleni fakultni polikliniky KU, prednosta prof. dr.
Karel Herfort. K. H., Praha 2, U Nemocnice 2.
(PANCREAS, dis.
insuff., diag. (Cz))

HERFORD, Karel; FRIC, Premysl

Contributions to the diagnosis of functional insufficiency of the exocrine pancreas. Med. int., Bucur. 12 no.2:177-186 F '60.

1. Lucrare efectuata in Serviciul de boli interne al Policlinicii Universitatii Caroline Praga, director: prof. Karel Herfort.
(PANCREAS, diseases)

FRIC, P.

On so-called quinine oxidase activity of the blood serum. Cesk.
gastroent. vyz. 15 no.7:503-507 N '61.

1. Gastroenterologicke pracoviste Fakulty vseobecneho lekarstvi KU
pri internim oddeleni Fakultni polikliniky v Praze, prednosta prof.
dr. K. Herfort.

(OXIDASES blood)

HERFORD, K.; FRIC, P.; KECLIK, M.; LEPSIK, J.; HORACEK, F.

Crohn's disease. Cesk. gastroent. 16 no.2:122-129 Mr '62.

1. II. gastroenterologicke vedeckovyzkumne pracoviste fakulty vseobecneho
lekarstvi Interni a rentgenove oddeleni Fakultni polikliniky Karlovy
university v Praze Rentgenove oddeleni nemocnice Zbraslav.
(ILEITIS REGIONAL)

ERIC, P

CZECHOSLOVAKIA

FRIC., F.; SOBRA, J.; BEDNAR, B., Prof. Dr. Dr. Sc; LOJDA, Z;
LEPSIK, J.

1. Second Scientific-Research Laboratory of Gastroenterology of the Faculty of General Medicine of KU (II. vedeckovyzkumne pracoviste pro gastroenterologii Fakulty všeobecného lékařství KU), Prague; 2. Third Internal Medicine Clinica (III. vnitřní klinika), Prague; 3. Main First Pathological Anatomy Institute Hlavav I. patologicko-anatomický ústav) (for Bednar).

Prague, Vnitřní lékařství, No 8, 1963, pp 782-788

"Whipple's Disease."

KECLIK, M.; HORACEK, F.; KOVAROVA, M.; FRIG, P.

Contribution to the diagnosis of incomplete bile duct obstruction by intravenous cholangiography. Cesk. gastroent. vyz. 17 no.7:402-410 N°63

1. Interni oddeleni fakultni polikliniky v Praze (vedouci prof. dr. K. Herfort) a Centralni rentgenove oddeleni fakultni polikliniky v Praze (vedouci MUDr. F. Horacek).

CZECHOSLOVAKIA

Prague, Casopis Lekarů Českých, Vol 102, No 43, 1963, pp 1177-1184.

of the clinical picture, laboratory examinations focussed in particular on functional examinations of the small intestine, and X-ray examination. An important role in confirmation of the diagnosis is due to the histopathological examination of a portion of the intestinal mucosa. Treatment includes dietotherapy, substitution treatment, and the administration of corticotrophin and steroid hormones. Early treatment is important for the prognosis of the disease.

10 Tables, 7 Figures, 54 Western, 9 Czech references.

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CZECHOSLOVAKIA

APPROVED FOR RELEASE: 06/13/2000

Work in Gastroenterology at the Faculty of General Medicine, Charles University (II. Vedeckovýzkumná Pracoviště pro Gastroenterologii Fakulty Všeobecného Lékárství KU) in Prague, Head (Vedoucí) Professor Dr K. Herfort.

"Changes of Pancreatic Enzymes in the Blood After Intraduodenal Application of Ethylalcohol."

Prague, Casopis Lekarů Českých, Vol 102, No 46, 1963, pp 1268 - 1271

Abstract: (Authors' English summary) Duodenal application of ethanol increased activity of amylase and lipase in the blood of 75% of patients with chronic pancreatitis by more than 100% of the normal values. In the control group the activity was increased by a maximum of 80.5% for amylase and 83.5% for lipase. In chronic pancreatitis the extent of changes in the outflow system and the secretory capacity of the pancreas are probably decisive in disturbances of the secretion gradient and in increasing the release of the enzyme into the blood after the application of ethanol. 1 Figure, 3 Tables, 13 Western, 3 Czech, 3 Russian references.

1/1

KECLIK, M.; FRIC, P.; ANDRYSEK, O.; MALY, V.

Functional examination of the hepatobiliary system with I-131
labelled rose bengal in anicteric patients. II. Evaluation of
the curves. Sborn. lek. 66 no.7:198-212 JI'64

FRIC, P.; KECLIK, M.; ANDRYSEK, O.; ROTH, Z.

Functional examination of the hepatobiliary system with I-131 labelled rose bengal in anicteric patients. III. Assessment of changes in the passage of extrahepatic bile ducts and differentiation of parenchymatous liver damage. Sborn. lek. 66 no.7: 212-220 J1'64

KECLIK, M.; ANDRYSEK, O.; FRIC.P.

Functional examination of the liver and the biliary system
with I-131 labeled bengal red. Acta univ. Carol. [med] (Praha):
Suppl. 18: 49-52 '64.

1. Interni oddeleni fakultni polikliniky a II. vedecko-vyzkumne
pracoviste pro gastroenterologii fakulty vseobecneho lekarstvi
University Karlovy v Praze (prednosta: prof. dr. K. Herfort) a
Biofysikalni ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: doc. dr. Z. Diers'bier).

DUBOVSKY, J.; PACOVSKY, V.; KUCHEL, O.; FRIC, P.

Are the effects of parathormone on the mineral metabolism and bone collagen independent. Cas. lek. cesk. 104 no.9:23-254
5 Mr'65.

1. Laborator pro endokrinologii a metabolismus pri III. interni klinice fakulty vseobecneho lekarstvi Karlovy University v Praze (vedouci: akademik J. Charvat* a II. vedeckovyzkumne pracoviste pro gastroenterologii fakulty vseobecneho lekarstvi Karlovy University v Praze (vedouci: prof. dr. K. Herfort).

HERFORT, K., prof. dr.; FRIG, P.; KECLIK, M.

Clinical manifestations of chronic pancreatitis. I. The acute stage of the chronic 'recurrent form. Cas. lek. cesk. 104 no.14: 369-373 9 Ap '65

I. II. vadeckovyzkumne gastroenterologické pracoviště a interní oddělení polikliniky fakulty všeobecného lékařství Karlovy University v Praze (vedoucí: prof. dr. K. Herfort).

KECLIK, M.; FRIC, P.; HUSLAROVA, A.; HORACEK, F.; KOVAROVA, M.;
FRIEDBERGER, V.

Preoperative diagnosis of anicteric obstructions of the
choledochus. Cas. lek. cesk. 104 no. 21:566-572 28 My'65.

1. Interni oddeleni fakultni polikliniky Karlovy University,
v Praze (vedouci: prof. dr. K. Herfort, DrSc.); Centralni
rentgenove oddeleni fakultni polikliniky Karlovy University
v Praze (vedouci: MUDr. F. Horacek) a II. chirurgicke klí-
nika fakulty vseobecneho lekarstvi Karlovy University v Praze
(prednosta: prof. dr. J. Lhotka, DrSc.).

CZECHOSLOVAKIA UDC 616.33-008.337:616.343-008.9(577.158.42(547.472.3).012)-076

FRIC, P.; LOJDA, Z.; 2nd Scientific and Research Center of Gastroenterology, Faculty of General Medicine, Charles University (II. Vedeckovyzkumne Pracoviste pro Gastroenterologii Fakulty Vseobecneho Lekarstvi KU)., Prague, Head (Vedouci) Prof Dr K. HERFORT; Angiological Laboratory Faculty of General Medicine, Charles University (Angiologicka Laborator Fakulty Vseobecneho Lekarstvi KU), Prague, Head (Vedouci) Prof Dr Z. REINIS; 1st Institute of Pathological Anatomy, Faculty of General Medicine, Charles University (I. Ustav Patologicke Anatomie Fakulty Vseobecneho Lekarstvi KU), Prague, Head (Prednosta) Prof Dr B. BEDNAR.

"Lactate Dehydrogenase Isoenzymes of Jejunal Biopsies in Patients with Malabsorption Syndrome."

Prague, Casopis Lekaru Ceskych, Vol 105, No 32, 15 Aug 66, pp 860 - 864

Abstract [Authors' English summary modified]: A decrease of LDH5 and an increase in LDH4 and 3, and of H monomers of LDH is found in jejunal biopsies in adults with nontropical sprue, and in children with celiac disease. These changes may be used in diagnosis and in studies of heredity. 3 Figures, 1 Table, 19 Western, 7 Czech references. (Manuscript received Nov 65).
1/1

- 8 -

Abstract [Authors' English summary modified]: Beta-carotene and vitamin A were determined on fasting and 3 and 5 hours after administration of 5000 i.u. of vitamin A in an oil; 1,3 glycerol was used for the analysis carried out on 55 patients. The average beta-carotene values on fasting were 107 microgram %, of vitamin A 234 on fasting, and 581 and 1163 i.u. 3 and 5 hours after the loading of vitamin A. 2 Figures, 24 Western, 12 Czech references.
1/1

FRIC, V.

Basic equations and operating characteristics of magnetrons, p. 249,
SLABOPROUDY OBZOR, (Ministerstvo strojirenstvi a ministerstvo spoju)
Praha, Vol. 16, No. 5, May 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 15, No. 12, December 1956

FRIC, V.

Magnetron resonant system . (To be contd.) p. 317. (SLABOPROUDY OBZOR,
Vol. 16, No. 6, June 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec 1957. Uncl.

FRIC, VIKTOR

Category : CZECHOSLOVAKIA/Radiophysics - Generation and Conversion of Radio- I-4
frequency Oscillations

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4468

Author : Fric, Viktor

Title : Resonant System of the Magnatron.

Orig Pub : Slaboproudy obzor, 1956, 17, No 6, 305-309; No 7, 379-386

Abstract : The fundamental properties of the resonant system of the magnetron are derived from the point of view of its periodic structure. The author then indicates a method for approximate calculation and gives the resultant equations for the calculation of the resonant frequencies of certain types of resonant systems with the aid of field theory.

Card : 1/1

FRIC, V.

FRIC, V. I.P. Zherebtsov's Introduction of Decimeter and Centimeter Waves into Radio Engineering; a book review. p. 397

Vol. 17, no. 7, July 1956
SLABOPROUDY OZOR
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

Fric, V

Fric, V.

Fric, V. A new detector for very high frequencies. p. 519.

Vol. 17, no. 9, Sept. 1956

SLABOPROUDY OBZOR

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5